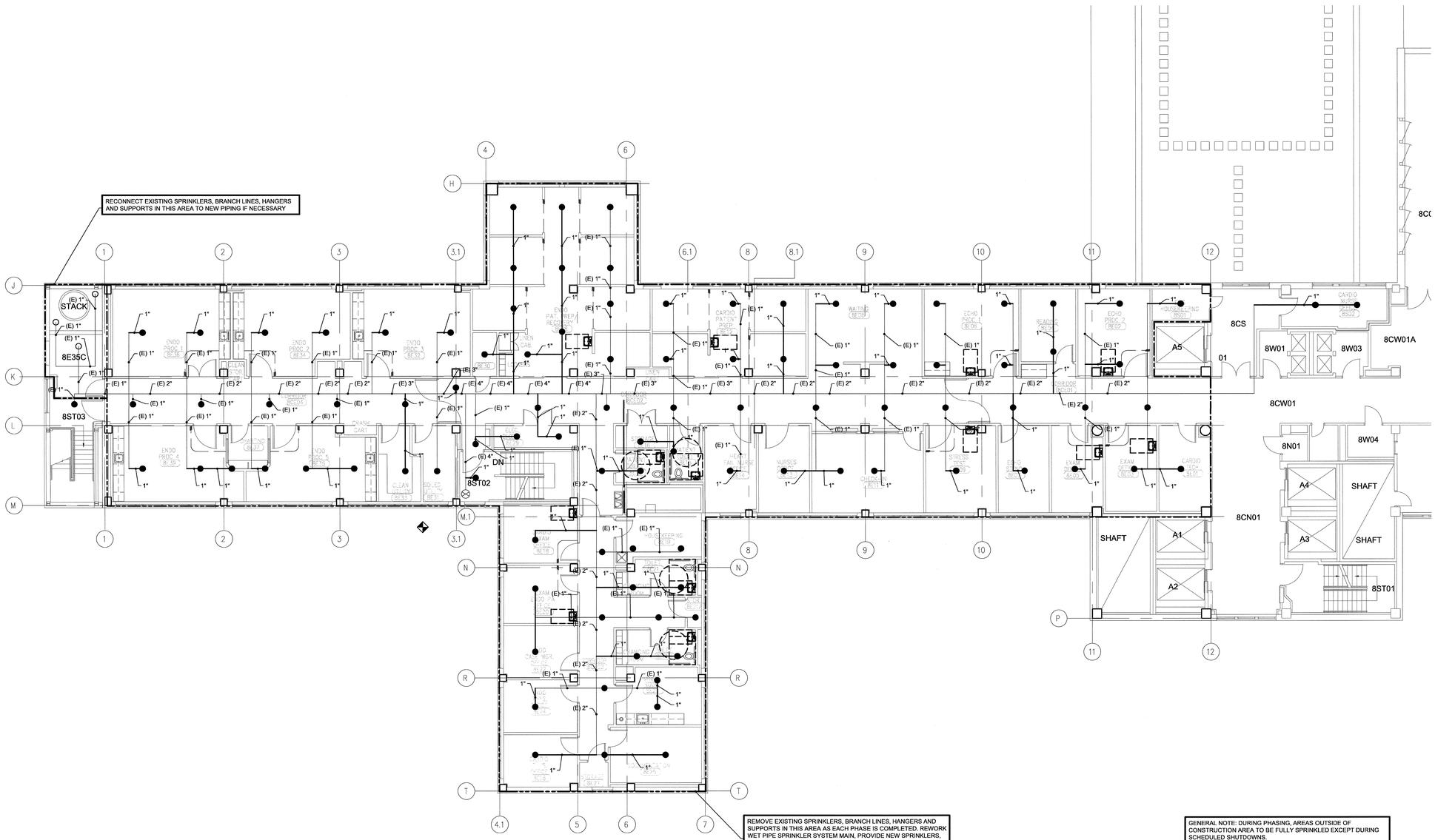


A EIGHTH FLOOR
FIRE PROTECTION

1/8" = 1'-0"
0' 1'-2' 4' 8'

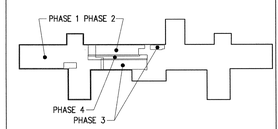
FIRE PROTECTION GENERAL NOTES

1. THE EIGHTH FLOOR WILL BE FULLY SPRINKLERED AT THE COMPLETION OF CONSTRUCTION.
2. SPRINKLER SYSTEM DESIGN, INSTALLATION AND TESTING SHALL MEET THE REQUIREMENTS OF NFPA 13 2009 EDITION AND ALL STATE AND LOCAL CODES.
3. GENERAL SPACES WILL BE PROTECTED AS LIGHT HAZARD OCCUPANCY (0.10 GPM/SF OVER THE MOST REMOTE 1500 SF WITH A MAXIMUM SPRINKLER DISTRIBUTION OF 225 SF/HEAD).
4. RUN BRANCH PIPING WITHIN JOIST SPACE. COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH ALL OTHER TRADES.
5. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND CONSTRUCTION. COORDINATE SPRINKLER LOCATIONS WITH ALL CEILING DEVICES (LIGHTING, DIFFUSERS, ETC.).
6. SPRINKLERS IN ALL AREAS WITH FINISHED CEILINGS SHALL BE QUICK RESPONSE CONCEALED TYPE WITH PAINTED WHITE ESCUTCHEONS. SPRINKLERS IN AREAS WITHOUT CEILINGS SHALL BE QUICK RESPONSE UPRIGHT TYPE WITH BRASS FINISH AND GUARD.
7. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, CORE DRILLING AND PATCHING REQUIRED FOR HIS WORK. PATCH TO MATCH SURROUNDING CONDITIONS WITH MATERIALS AND WORKMANSHIP ACCEPTABLE TO THE VA PROJECT MANAGER.
8. THIS CONTRACTOR SHALL COMPLY WITH ALL OSHA STANDARDS, INCLUDING THE "HOT WORK" STANDARDS. THIS WORK INCLUDES, BUT IS NOT LIMITED TO THE VA PROJECT MANAGER.
9. PROVIDE DRAIN VALVES AND PIPING TO ALLOW COMPLETE DRAINAGE OF FIRE PROTECTION SYSTEM ON THIS FLOOR.
10. THE CONTRACTOR SHALL ENSURE THAT THE INTEGRITY OF ALL FIRE - RATED ASSEMBLIES OR CONSTRUCTIONS CONFORMS TO THE DRAWINGS AND SPECIFICATIONS. ALL PENETRATIONS OF SUCH ASSEMBLIES SHALL BE INSTALLED IN A MANNER THAT RESULTS IN COMPLETED AIR TIGHTNESS THROUGH THE STRUCTURE. PENETRATIONS THROUGH FIRE - RATED PARTITIONS SHALL BE SEALED IN ACCORDANCE WITH ASTM E-814 AND THE CORRESPONDING UL REQUIREMENTS. SHOULD CONDITIONS OCCUR WHERE PENETRATIONS OF SOUND ISOLATION ASSEMBLIES (OR DESCRIBED IN THE SPECIFICATIONS), THE CONTRACTOR SHALL IMMEDIATELY REQUEST CLARIFICATION REGARDING THE METHOD NECESSARY TO INSTALL SUCH ITEMS, THE FOLLOWING SHALL TO ALL PENETRATIONS OF PARTITIONS IN SOUND CRITICAL SPACES.
11. THE CONTRACTOR SHALL NOTIFY THE VA PROJECT MANAGER OF PENETRATIONS THROUGH ANY STRUCTURAL BARRIER IN PERFORMANCE OF WORK.
12. FIELD VERIFY LOCATIONS OF EXISTING WET PIPE SPRINKLER PIPING. SHOW VERIFIED CONNECTION POINTS ON SPRINKLER PIPING SHOP DRAWINGS.
13. CONTRACTOR SHALL VERIFY LATEST FLOW TEST INFORMATION (ON RECORD) BEFORE SUBMITTING FINAL HYDRAULIC CALCULATIONS AND SPRINKLER PIPING SHOP DRAWINGS.
14. SPRINKLER HEADS SHALL BE CENTERED IN CEILING TILES.
15. SPRINKLERS SHALL HAVE COLOR CODED BULB THERMAL ELEMENT. ALL SPRINKLERS SHALL BE UL LISTED.

CODED NOTES

1. PROVIDE SPRINKLER(S) THROUGHOUT THIS AREA AS PER NFPA 13, ORDINARY HAZARD GROUP 1 OCCUPANCY, WITH A DENSITY OF 0.15 GPM/ SF OVER THE MOST REMOTE 1500 SF AND A MAXIMUM SPRINKLER SPACING OF 130 SF/ SPRINKLER.

KEYPLAN



CONSTRUCTION DOCUMENTS

NO.	REVISIONS/SUBMISSIONS	DATE

Consultant

Seal

MICHAEL J. PIMEO
No. 43901
7-30-12
REGISTERED
PROFESSIONAL ENGINEER
FIRE PROTECTION

FED/Matrix
A Joint Venture
255 COUNTY ROAD 555 SOUTH, BARTOW, FLORIDA 33830
Telephone: (863) 665-6363 Fax: (863) 667-1773

Drawing Title: EIGHT EAST
FIRE PROTECTION
SPRINKLER SYSTEM NEW WORK PLAN

Approved: Project Director

Project Title: RENOVATE EIGHT EAST FOR ENDOSCOPY & CARDIOLOGY IC VAHCS

Location: IOWA CITY, IOWA

Date: 07/27/2012 | Checked: MD | Drawn: JMS

Project Number: 636A8-12-005

Building Number: 1

Drawing Number: 1-F2

17 of 42

Office of Construction and Facilities Management

Department of Veterans Affairs